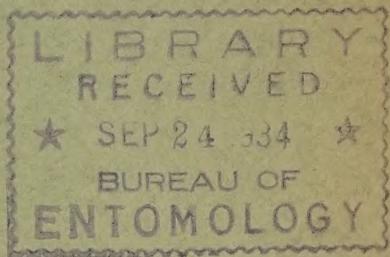


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UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF CHEMISTRY AND SOILS
INSECTICIDE DIVISION

Patent List No. 16



A LIST OF
UNITED STATES PATENTS

Issued from 1917 to 1933 inclusive

relating to

FLY SWATTERS

Compiled by

R. C. Roark

Washington, D.C.
August 1934.

A LIST OF UNITED STATES PATENTS ISSUED FROM 1917 TO 1933, INCLUSIVE,
RELATING TO FLY SWATTERS

Compiled by

R. C. Roark

Insecticide Division, Bureau of Chemistry and Soils.

This list of 86 patents includes all those relating to devices for killing flies by hitting them with rubber, paper, wire screen or other flexible material attached to a handle, which devices are commonly called fly swatters.

Every effort has been made by the compiler to make this list of patents complete and no discrimination is intended against any patent mention of which is inadvertently omitted.

The Department of Agriculture assumes no responsibility for the merits or workableness of any of the patents, nor does it recommend any of the inventions listed.

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1,214,446 (Jan. 30, 1917; appl. July 8, 1916.) FLY-SWATTER.
Clarence L. Ferguson, Georgetown, Mass. - One-half to William P. R. Estes, Jr., Haverhill, Mass.

1,217,212 (Feb. 27, 1917; appl. Aug. 13, 1915.) FLY-SWATTER.
Elmer O. Pitts, Colbran, Colo.

1,218,619 (Mar. 13, 1917; appl. Sept. 7, 1915.) IMPLEMENT OR DEVICE FOR KILLING OR DISABLING INSECTS, FLIES, OR THE LIKE. John L. Bennett, Decatur, Ill. - United States Wire Mat Co., Decatur, Ill.

1,225,971 (May 15, 1917; appl. Jan. 20, 1916.) INSECT-EATER.
Willard W. Kester, Paso Robles, Calif.

1,228,701 (June 5, 1917; appl. July 25, 1916.) INSECT-KILLER.
Alexander E. Rochfort, Oakland, Calif.

1,228,891 (June 5, 1917; appl. Oct. 23, 1916.) FLY-SWATTER.
David E. Emanuel, Des Moines, Iowa.

1,237,081 (Aug. 14, 1917; appl. Feb. 27, 1917.) FLY-SWATTER.
James L. Mott, Jr., Hempstead, N.Y. - One-half to Lewis K. Klemm, Jr., East Hempstead, Long Island, N.Y.

1,237,168 (Aug. 14, 1917; appl. June 18, 1917.) IMPLEMENT OR DEVICE FOR KILLING OR DISABLING INSECTS, FLIES, OR THE LIKE.
Arthur W. Cash, Decatur, Ill. - United States Wire Mat Co., Decatur, Ill.

1,254,092 (Jan. 22, 1918; appl. July 20, 1917.) FLY- SPAT
Joseph M. Vail, Bryan, Ohio.

1,255,303 (Feb. 5, 1918; appl. Apr. 18, 1916.) FLY-SWATTER.
Hans P. Fogh, Seattle, Wash.

1,261,222 (Apr. 2, 1918); appl. May 29, 1915) FLY-KILLING DEVICE.
Fred E. Earles, Chicago, Ill., and Frank G. Lowe, Detroit, Mich.

1,263,988 (Apr. 23, 1918; appl. Nov. 10, 1916.) EXTENSION FLY-SWATTER.
Agnes O. Youngs, Bozeman, Mont.

1,268,640 (June 4, 1918; appl. June 2, 1914.) INSECT-DESTROYER.
William F. Stearns, Exeter, N.H.

1,272,295 (July 9, 1918; appl. Feb. 9, 1916.) FLY-SWATTER.
Franklin O. Moore, Glendale, Calif.

1,277,216 (Aug. 27, 1918; appl. June 19, 1918.) FLY-SWATTER.
Clyde S. Hutton, Conyngham, Pa.

1,279,985 (Sept. 24, 1918; appl. June 18, 1917.) IMPLEMENT OR
DEVICE FOR KILLING OR DISABLING INSECTS, FLIES, OR THE LIKE.
Arthur W. Cash, Decatur, Ill. - United States Wire Mat Co., Decatur, Ill.

1,286,894 (Dec. 3, 1918; appl. Dec. 8, 1915; Renewed Mar. 23, 1918.)
FLY-KILLER. John P. Hall and Claude F. Fields, Caldwell, Idaho. - Said
Fields to Said Hall.

1,288,583 (Dec. 24, 1918; appl. Mar. 10, 1917.) FLY-SWATTER.
George D. Henry, Kansas City, Mo.

1,290,998 (Jan. 14, 1919; appl. May 13, 1918;) INSECT-SWATTER.
Robert L. Horsley, Memphis, Tenn. - Compress Buckle Co., Fort Worth, Tex.

1,293,591 (Feb. 4, 1919; appl. May 24, 1918.) FLY-SWATTER.
Winfred W. Whaley, Wilmington, N.C.

1,299,580 (Apr. 8, 1919; appl. May 21, 1917.) INSECT-DESTROYER.
George D. Krumlaw, Ashland, Ohio.

1,315,186 (Sept. 2, 1919; appl. Oct. 9, 1916.) FLY-SWATTER.
George D. Henry, Kansas City, Mo.

1,317,999 (Oct. 7, 1919; appl. Jan. 16, 1917.) FLY-SWATTER.
Edwin E. Thomas, Portland, Ore. - H.O. Tenney, Portland, Ore.

1,326,577 (Dec. 30, 1919; appl. Feb. 28, 1919.) FLY-SWATTER.
Ernest E. Cullen, Anchorville, Mich. - One-half to George E. Vernier,
Fair Haven, Mich.

1,331,266 (Feb. 17, 1920; appl. Jan. 25, 1919.) FLY-KILLING
IMPLEMENT. George B. Keplinger, Chicago, Ill. - Cruver Mfg. Co.
Chicago, Ill.

1,331,306 (Feb. 17, 1920; appl. Jan. 25, 1919.) FLY-KILLER.
Marius Z. Wohlhuter, Chicago, Ill. - Cruver Mfg. Co., Chicago, Ill.

1,334,246 (Mar. 16, 1920; appl. June 12, 1919.) FLY-SWATTER.
Benjamin F. Kelso, Hemet, Calif.

1,340,767 (May 18, 1920; appl. Oct. 11, 1919.) FLY-KILLING DEVICE.
George M. Hannon, Belton, Tex.

1,342,974 (June 8, 1920; appl. Nov. 12, 1919.) INSECT-SWATTER.
Allen Smith, Jr., San Diego, Calif.

1,354,775 (Oct. 5, 1920; appl. Mar. 15, 1920.) FLY-SWATTER.
George A. Moore, Medford, Mass.

1,361,337 (Dec. 7, 1920; appl. Apr. 12, 1920.) FLY-SWATTER.
Benjamin F. Kelso, Pasadena, Calif.

1,368,247 (Feb. 15, 1921; appl. Mar. 12, 1920.) FLY-SWATTER.
Joseph Dir, Stuart, Iowa.

1,369,757 (Feb. 22, 1921; appl. Aug. 30, 1919.) DEVICE FOR THE
KILLING OR DISABLING OF FLIES AND INSECTS. Author W. Cash, Decatur,
Ill. - United States Wire Mat Co., Decatur, Ill.

1,370,496 (Mar. 1, 1921; appl. Mar. 26, 1920.) INSECT-DESTROYER.
Josiah A. Ratcliff, Alexandria, Ind.

1,380,355 (June 7, 1921; appl. Dec. 3, 1917.) IMPLEMENT OR
DEVICE FOR KILLING OR DISABLING INSECTS, FLIES, OR THE LIKE.
Arthur W. Cash, Decatur, Ill. - United States Wire Mat. Co., Decatur,
Ill.

Reissue 15,154 (July 19, 1921; appl. Aug. 6, 1918.) INSECT-KILLING DEVICE.
George W. Gomber, Conyngham, Pa. A.W. Drake Mfg. Co., Pa.

1,393,571 (Oct. 11, 1921; appl. May 2, 1921.) COMBINED FLY-SWATTER AND BRUSH. Constance A. Riek, Hermann, Mo.

1,412,312 (Apr. 11, 1922; appl. Aug. 18, 1921.) INSECT SWATTER.
Harry E. Little, Wichita, Kans.

1,425,622 (Aug. 15, 1922; appl. Oct. 17, 1921.) FLY SWATTER.
Richard Zohm, Rockford, Ill.

1,440,809 (Jan. 2, 1923; appl. Dec. 14, 1921; Renewed Nov.
20, 1922) FLY-SWATTER. Charles W. Woodworth, Berkeley, Calif.

1,444,720 (Feb. 6, 1923; appl. Aug. 31, 1922.) FLY SWATTER.
Charles D. Younger, Edgeley, N. Dak. - One-half to Bert R. Vogt,
Edgeley, N. Dak.

- 1,456,753 (May 29, 1923; appl. Apr. 18, 1922.) FLY SWATTER.
Alfred K. Ancker and Robert F. Morton, Denver, Colo.
- 1,458,071 (June 5, 1923; appl. Dec. 31, 1921.) INSECT-DESTROYING DEVICE.
Mitsutaro Nakamura, Chico, Calif.
- 1,465,523 (Aug. 21, 1923, appl. Sept. 15, 1922.) FLY SWATTER.
Harry W. Mangold and Anne M. Mangold, San Jose, Calif.
- 1,479,046 (Jan. 1, 1924; appl. Jan 23, 1922.) FLY SWATTER.
Herbert Koontz, South Bend, Ind.
- 1,481,069 (Jan. 15, 1924; appl. Apr. 22, 1922.) FLY SWATTER.
Oscar A. Schneider, Random Lake, Wis.
- 1,481,452 (Jan. 22, 1924; appl. Apr. 16, 1923.) FLY SWITCH.
Louis H. Woodcock, Colville, Wash.
- 1,481,758 (Jan. 22, 1924; appl. July 31, 1922.) FLY SWATTER.
Louis C. Stukenborg, Memphis, Tenn.
- 1,487,750 (Mar. 25, 1924; appl. Dec. 20, 1922.) INSECT DESTROYER.
Joseph N. Miller, McHenry, Ill.
- 1,500,442 (July 8, 1924; appl. Feb. 10, 1923.) FLY SWATTER.
Albert N. Cooper, Lodi, Calif.
- 1,501,467 (July 15, 1924; appl. June 12, 1923.) FLY SWATTER.
James S. Raider, Waterford, Calif.
- 1,509,489 (Sept. 23, 1924; appl. Jan. 14, 1922; Renewed Feb. 27, 1924.) INSECT SWATTER.
August Rochwite, Hartford, Wis.
- 1,554,152 (Sept. 15, 1925; appl. July 9, 1923.) FLY SWATTER.
Charles J. Williams, Pocatello, Idaho.
- 1,554,288 (Sept. 22, 1925; appl. Aug. 9, 1923.) INSECT DESTROYER.
Frank Madlo, Bellwyn, Ill. - Cruver Mfg. Co., Chicago, Ill.
- 1,571,619 (Feb. 2, 1926; appl. Feb. 9, 1923.) DEVICE OR IMPLEMENT FOR KILLING OR DISABLING INSECTS, FLIES, AND THE LIKE.
John L. Bennett, Decatur, Ill. - U.S. Mfg. Corp., Decatur, Ill.
- 1,578,757 (Mar. 30, 1926; appl. July 2, 1925.) FLY SWATTER.
James S. Raider, Waterford, Calif.
- 1,590,846 (June 29, 1926; appl. Nov. 28, 1925.) FLY SWATTER.
George A. Moore, Medford, Mass.
- 1,591,870 (July 6, 1926; appl. Mar. 4, 1926.) FLY SWATTER.
Edwin W. Wood, Lockridge, Okla.

1,603,533 (Oct. 19, 1926; appl. July 20, 1926.) FLY SWATTER.
Milton W. Gatch, Baltimore, Md. - Gatch Brush & Wire Goods Co.,
Md.

1,605,438 (Nov. 2, 1926; appl. Jan. 25, 1926.) FLY SWATTER.
William A.C.Jacko, Braddock, Pa.

1,612,620 (Dec. 28, 1926; appl. Mar. 29, 1926.) FLY SWATTER.
William B. Ellsworth, Hudson, Ohio. - One-half to William A.
Ellsworth, Hudson, Ohio.

1,628,486 (May 10, 1927; appl. Oct. 26, 1926.) FLY SWATTER.
John Azamber, Pittsburg, Kans.

1,631,864 (June 7, 1927; appl. May 11, 1926.) FLY SWATTER.
Norton T. Hendrickson and Charles Roholt, Hoople, N.Dak.

1,639,559 (Aug. 16, 1927; appl. Apr. 8, 1927.) FLY SWATTER.
Milton W. Gatch, Baltimore, Md.

1,650,548 (Nov. 22, 1927; appl. May 21, 1927.) FLY SWATTER.
Frederick B. Sullivan, Oakland, Calif.

1,656,969 (Jan. 24, 1928; appl. Mar. 30, 1927.) FLYTRAP.
Adolph Babl, New York, N.Y.

1,660,011 (Feb. 21, 1928; appl. Sept. 27, 1926.) FLYCATCHER.
Herman M. Linding, Ossining, N.Y.

1,662,264 (Mar 13, 1928; appl. July 8, 1927.) FLY SWATTER.
Edwin L. Henderson, Wausau, Wis. - Wilson-Hurd Co., Wausau, Wis.

1,664,762 (Apr. 3, 1928; appl. Aug. 1, 1927.) INSECT DESTROYER.
Herman E. Voss, Yuhsien, China.

1,665,270 (Apr. 10, 1928; appl. Mar. 14, 1927.) FLY SWATTER.
John A. Lubbers, Clinton, Iowa - Lubbers & Bell Mfg. Co., Clinton, Iowa.

1,669,913 (May 15, 1928; appl. Aug. 2, 1927.) INSECT DESTROYER.
Georgean Robeson, Washta, Iowa.

1,685,990 (Oct. 2, 1928; appl. Oct. 14, 1926.) FLY SWATTER.
Walter H. A. Emanuel, Fairchild, Wis.

1,694,069 (Dec. 4, 1928; appl. Aug. 6, 1927.) EXTENSION FOR FLY
SWATTERS. Fred Lombard, Santa Rosa, Calif.

1,727,768 (Sept. 10, 1929; appl. Nov. 8, 1926.) FLY SWATTER.
Erskine P. Harley, Oklahoma City, Okla.

1,765,147 (June 17, 1930; appl. May 10, 1929.) EXTENSION FOR FLY SWATTERS. John P. Haberle, Glen Olden, Pa.

Reissue 17,731 (July 15, 1930; appl. Mar. 21, 1929.) HANDLE FOR FLY SWATTERS AND OTHER UTENSILS AND IMPLEMENTS. Walter H.A. Emanuel, Fairchild, Wis. - U.S.Mfg.Corp. Decatur, Ill.

1,797,557 (Mar. 24, 1931; appl. Nov. 23, 1929.) VACUUM CLEANER. Ernest R. Stine and Matthias R. Bernhardt, Lenoir, N.C. A fly swatter is attached to this device for stunning flies so that they can be picked up by the vacuum cleaner.

1,820,360 (Aug. 25, 1931; appl. June 25, 1928.) FLY SWATTER. Robert F. Meggitt, Cheboygan, Mich.

1,860,939 (May 31, 1932; appl. Mar. 28, 1930.) FLY SWATTER. Albert D. Miller, Sulphur Well, Ky.

1,861,688 (June 7, 1932; appl. Jan. 7, 1929.) FLY SWATTER. Carmi R. Crawford, Chicago, Ill. - Arthur C. Prince, Chicago, Ill.

1,882,291 (Oct. 11, 1932; appl. Dec. 7, 1931.) FLY SWATTER. Stanley G. Monroe and Frank Shepherd, Akron, Ohio.

1,885,730 (Nov. 1, 1932; appl. Nov. 2, 1928.) EXTENSION HANDLE FOR UTENSILS, SUCH AS FLY SWATTERS AND THE LIKE. Franz K. Krag, Chicago, Ill., and John V. Nelson, Maywood, Ill., - U.S. Mfg. Corp., Decatur, Ill.

1,886,039 (Nov. 1, 1932; appl. Aug. 10, 1929.) INSECT DESTROYER. Albert D. Miller, Goshen, Ind.

1,897,697 (Feb. 14, 1933; appl. Apr. 11, 1931.) FLY SWATTER. Worth M. Gray, Elkin, N.C.

1,913,228 (June 6, 1933; appl. Nov. 8, 1932.) FLY SWATTER AND THE LIKE. John L. Bennett, Decatur, Ill. - U.S. Mfg. Corp., Decatur, Ill.

1,939,838 (Dec. 19, 1933; appl. Feb. 18, 1933.) INSECT DESTROYER. James G. Wasson, Canton, Ill.

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